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PTO/SB/21 (08-00)

Approved for use through 10/31/2002. OMB 0651-0031

U.S. Patent and Trademark Office: U.S. DEPARTMENT OF COMMERCE

# TRANSMITTAL FORM

(to be used for all correspondence after initial filing)

Application Number	09/195,125
Filing Date	November 18, 1998
First Named Inventor	Mitsuaki Hirono
Group Art Unit	2126
Examiner Name	L. Zhen
Attorney Docket Number	F9600.0022/P022

Total Number of Pages in This Submission

## ENCLOSURES (check all that apply)

- |   |   |   |
|---|---|---|
| <input type="checkbox"/> Fee Transmittal Form<br><input type="checkbox"/> Fee Attached<br><input checked="" type="checkbox"/> Amendment/Reply<br><input type="checkbox"/> After Final<br><input type="checkbox"/> Affidavits/declaration(s)<br><input type="checkbox"/> Extension of Time Request<br><input type="checkbox"/> Express Abandonment Request<br><input type="checkbox"/> Information Disclosure Statement<br><input type="checkbox"/> Certified Copy of Priority Document(s)<br><input type="checkbox"/> Response to Missing Parts/ Incomplete Application<br><input type="checkbox"/> Response to Missing Parts under 37 CFR 1.52 or 1.53 | <input type="checkbox"/> Assignment Papers (for an Application)<br><input type="checkbox"/> Drawing(s)<br><input type="checkbox"/> Licensing-related Papers<br><input type="checkbox"/> Petition<br><input type="checkbox"/> Petition to Convert to a Provisional Application<br><input type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address<br><input type="checkbox"/> Terminal Disclaimer<br><input type="checkbox"/> Request for Refund<br><input type="checkbox"/> CD, Number of CD(s) _____ | <input type="checkbox"/> After Allowance Communication to Group<br><input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences<br><input type="checkbox"/> Appeal Communication to Group (Appeal Notice, Brief, Reply Brief)<br><input type="checkbox"/> Proprietary Information<br><input type="checkbox"/> Status Letter<br><input type="checkbox"/> Other Enclosure(s) (please identify below) |
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Remarks

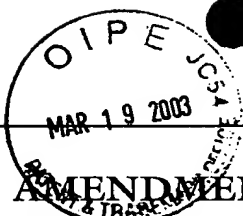
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Technology Center 2100

## SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT

Firm or Individual Name	DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP Thomas J. D'Amico
Signature	
Date	March 19, 2003

**AMENDMENT TRANSMITTAL LETTER**Docket No.  
F9600.0022/P022Application No.  
09/195,125Filing Date  
November 18, 1998Examiner  
L. ZhenArt Unit  
2126

Applicant(s): Mitsuaki Hirono, et al

Invention: PROGRAM CONTROL APPARATUS AND METHOD AND APPARATUS FOR MEMORY  
ALLOCATION ENSURING EXECUTION OF A PROCESS EXCLUSIVELY AND ENSURING  
REAL TIME OPERATION, WITHOUT LOCKING COMPUTER SYSTEM**TO THE COMMISSIONER FOR PATENTS****RECEIVED**

Transmitted herewith is an amendment in the above-identified application.

MAR 21 2003

The fee has been calculated and is transmitted as shown below.

CLAIMS AS AMENDED					Technology Center 2100
	Claims Remaining After Amendment	Highest Number Previously Paid	Number Extra Claims Present	Rate	
Total Claims	11	- 42 =		x	0.00
Independent Claims	5	- 29 =		x	0.00
Multiple Dependent Claims (check if applicable) <input type="checkbox"/>					
Other fee (please specify):					
TOTAL ADDITIONAL FEE FOR THIS AMENDMENT:					0.00

☒ Large Entity☐ Small Entity☒ No additional fee is required for this amendment.☐ Please charge Deposit Account No. \_\_\_\_\_ in the amount of \$ \_\_\_\_\_.  
A duplicate copy of this sheet is enclosed.☐ A check in the amount of \$ \_\_\_\_\_ to cover the filing fee is enclosed.☐ Payment by credit card. Form PTO-2038 is attached.☒ The Commissioner is hereby authorized to charge and credit Deposit Account No. 04-1073  
as described below. A duplicate copy of this sheet is enclosed.☒ Credit any overpayment.☒ Charge any additional filing or application processing fees required under 37 CFR 1.16 and 1.17.\_\_\_\_\_  
Thomas J. D'Amico  
Attorney Reg. No.: 28,371Dated: March 19, 2003DICKSTEIN SHAPIRO MORIN & OSHINSKY LLP  
2101 L Street NW  
Washington, DC 20037-1526  
(202) 828-2232



#6/A  
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3-22-03

Docket No.: F9600.0022/P022  
(PATENT)

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re Patent Application of:  
Mitsuaki Hirono, et al

Confirmation No. 3986

Application No.: 09/195,125

Group Art Unit: 2126

Filed: November 18, 1998

Examiner: L. Zhen

For: PROGRAM CONTROL APPARATUS AND  
METHOD AND APPARATUS FOR  
MEMORY ALLOCATION ENSURING  
EXECUTION OF A PROCESS  
EXCLUSIVELY AND ENSURING REAL  
TIME OPERATION, WITHOUT  
LOCKING COMPUTER SYSTEM

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AMENDMENT

Commissioner for Patents  
Washington, DC 20231

Dear Sir:

In response to the Office Action dated December 20, 2002 (Paper No. 5),  
please amend the above-identified U.S. patent application as follows:

IN THE CLAIMS

Please cancel claims 8-23, 26-31, and 34-42, without prejudice.

Please rewrite claims 1-2, 24-25, and 32-33 as follows:

1. A program control apparatus for controlling execution of a program in a computer system in which a plurality of threads are switched in accordance with a scheduling policy by a scheduler, comprising: